

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/367,496

DATE: 09/24/2001

TIME: 12:37:53

Input Set : A:\09367496.APP.txt

Output Set: N:\CRF3\09242001\I367496.raw

ENTERED

5 <110> APPLICANT: AGUERA, Michele
 7 BELIN, Marie-Francoise
 9 HONNORAT, Jerome
 11 KOLATTUKUDY, Pappachan
 13 QUACH, Than Tam
 15 BYK, Tamara
 17 SOBEL, Andre
 19 AUNIS, Dominique
 23 <120> TITLE OF INVENTION: USE OF ULIP PROTEINS IN THE DIAGNOSIS AND THERAPY OF
 25 CANCER AND PARANEOPLASTIC NEUROLOGICAL SYMPTOMS
 29 <130> FILE REFERENCE: P06473US0/TPS
 33 <140> CURRENT APPLICATION NUMBER: 09/367,496
 C--> 35 <141> CURRENT FILING DATE: 1999-11-24
 39 <150> PRIOR APPLICATION NUMBER: PCT/FR98/00328
 41 <151> PRIOR FILING DATE: 1998-02-19
 45 <160> NUMBER OF SEQ ID NOS: 8
 49 <170> SOFTWARE: PatentIn Ver. 2.0
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 55 <211> LENGTH: 1817
 57 <212> TYPE: DNA
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 69 agacatatac atggaagatg ggttgatcaa gcaaatagga gaaaacctga ttgtaccagg 180
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 81 agctctgggtg aaggaccacg gggtaaactc cttcctcgtg tacatggctt tcaaagatcg 540
 83 attccagctg acggattccc agatctatga agtgctgagc gtgatccggg atatcgggtg 600
 85 catagctcaa gtccacgcag agaatggtga catcattgct gaggcacagc agaggatcct 660
 87 ggatctgggc atcacgggcc ccgagggaca cgtgttgagc cggccagagg aggtcgaggc 720
 89 tgaagctgtg aaccgggtcca tcaactattgc caaccagacc aactgccctc tgtatgtcac 780
 91 caaagtgatg cccaagagtg cggctgaagt catcgctcag gcacggaaga agggaactgt 840
 93 ggtgtatggt gagcccatca cggccagcct ggggactgat ggctctcatt actggagcaa 900
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149 20 25 30
153 Ala Asp Ile Tyr Met Glu Asp Gly Leu Ile Lys Gln Ile Gly Glu Asn
155 35 40 45
159 Leu Ile Val Pro Gly Gly Val Lys Thr Ile Glu Ala His Ser Arg Met
161 50 55 60
165 Val Ile Pro Gly Gly Ile Asp Val His Thr Arg Phe Gln Met Pro Asp
167 65 70 75 80
171 Gln Gly Met Thr Ser Ala Asp Asp Phe Phe Gln Gly Thr Lys Ala Ala
173 85 90 95
177 Leu Ala Gly Gly Thr Thr Met Ile Ile Asp His Val Val Pro Glu Pro
179 100 105 110
183 Gly Thr Ser Leu Leu Ala Ala Phe Asp Gln Trp Arg Glu Trp Ala Asp
185 115 120 125
189 Ser Lys Ser Cys Cys Asp Tyr Ser Leu His Val Asp Ile Thr Glu Trp
191 130 135 140
195 His Lys Gly Ile Gln Glu Glu Met Glu Ala Leu Val Lys Asp His Gly
197 145 150 155 160
201 Val Asn Ser Phe Leu Val Tyr Met Ala Phe Lys Asp Arg Phe Gln Leu
203 165 170 175
207 Thr Asp Ser Gln Ile Tyr Glu Val Leu Ser Val Ile Arg Asp Ile Gly
209 180 185 190
213 Ala Ile Ala Gln Val His Ala Glu Asn Gly Asp Ile Ile Ala Glu Ala
215 195 200 205
219 Gln Gln Arg Ile Leu Asp Leu Gly Ile Thr Gly Pro Glu Gly His Val
221 210 215 220
225 Leu Ser Arg Pro Glu Glu Val Glu Ala Glu Ala Val Asn Arg Ser Ile
227 225 230 235 240
231 Thr Ile Ala Asn Gln Thr Asn Cys Pro Leu Tyr Val Thr Lys Val Met
233 245 250 255
237 Pro Lys Ser Ala Ala Glu Val Ile Ala Gln Ala Arg Lys Lys Gly Thr
239 260 265 270
243 Val Val Tyr Gly Glu Pro Ile Thr Ala Ser Leu Gly Thr Asp Gly Ser
245 275 280 285
249 His Tyr Trp Ser Lys Asn Trp Ala Lys Ala Ala Ala Phe Val Thr Ser
251 290 295 300

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267 Asn Thr Ala Gln Lys Ala Val Gly Lys Asp Asn Phe Thr Leu Ile Pro
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273 Glu Gly Thr Asn Gly Thr Glu Glu Arg Met Ser Val Ile Trp Asp Lys
275          355          360          365
279 Ala Val Val Thr Gly Lys Met Asp Glu Asn Gln Phe Val Ala Val Thr
281          370          375          380
285 Ser Thr Asn Ala Ala Lys Val Phe Asn Leu Tyr Pro Arg Lys Gly Arg
287 385          390          395          400
291 Ile Ser Val Gly Ser Asp Ala Asp Leu Val Ile Trp Asp Pro Asp Ser
293          405          410          415
297 Val Lys Thr Ile Ser Ala Lys Thr His Asn Ser Ala Leu Glu Tyr Asn
299          420          425          430
303 Ile Phe Glu Gly Met Glu Cys Arg Gly Ser Pro Leu Val Val Ile Ser
305          435          440          445
309 Gln Gly Lys Ile Val Leu Glu Asp Gly Thr Leu His Val Thr Glu Gly
311          450          455          460
315 Ser Gly Arg Tyr Ile Pro Arg Lys Pro Phe Pro Asp Phe Val Tyr Lys
317 465          470          475          480
321 Arg Ile Lys Ala Arg Ser Arg Leu Ala Glu Leu Arg Gly Val Pro Arg
323          485          490          495
327 Gly Leu Tyr Asp Gly Pro Val Cys Glu Val Ser Val Thr Pro Lys Thr
329          500          505          510
333 Val Thr Pro Ala Ser Ser Ala Lys Thr Ser Pro Ala Lys Gln Gln Ala
335          515          520          525
339 Pro Pro Val Arg Asn Leu His Gln Ser Gly Phe Ser Leu Ser Gly Ala
341          530          535          540
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375 gcagcggtgg gaggcgagct tctgtccttt ctttcatccc tccctggcct ttgtcgccgc 180
377 tctcacgagt agcgccgccc ggagagaccc gggtagagcg ccaggcagac gttagttcca 240
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381 acatcaccag tgaccggctc ctcctcagag gtggacgcat catcaatgat gaccagtcct 360
383 tctacgccga tgtctacct gaagatggac tcataaaaca aataggagag aacctgattg 420
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395 agctggaggt gctgggtcag gacaaaggtg tcaactcctt ccaagtctac atggcgata 780
397 aggacctgta ccagatgtct gacagccagc tgtatgaagc cttcaccttc cttaagggtt 840
399 tgggagctgt gatcttagtc catgcagaaa atggagattt gatagctcag gaacaaaaac 900
401 ggatcctgga gatgggcata acgggtcccc aggggtcatgc tctgagcaga cccgaggagc 960
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405 acatcaccaa ggtcatgagc aagagtgcag cggacatcat cgcactggcc aggaagaaag 1080
407 gccctcttgt cttcgggtgag cccatagccg ccagcctggg aaccgatggc acccactact 1140
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411 ccaccactcc tgactacttg acctccttgc tggcctgtgg agacttgagc gtcacaggta 1260
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437 tcggttgacc tcagatgagc cagatatgca agagtgaagg attatgggaa aacgtccatt 2040
439 ccttttccgt gtttttagaag cccacagttt tagttggtac tgacggaggg gagattgagc 2100
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451 <210> SEQ ID NO: 4

453 <211> LENGTH: 572

455 <212> TYPE: PRT

457 <213> ORGANISM: Mus musculus

461 <400> SEQUENCE: 4

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469 Leu Leu Ile Arg Gly Gly Arg Ile Ile Asn Asp Asp Gln Ser Phe Tyr
471 20 25 30
475 Ala Asp Val Tyr Leu Glu Asp Gly Leu Ile Lys Gln Ile Gly Glu Asn
477 35 40 45
481 Leu Ile Val Pro Gly Gly Val Lys Thr Ile Glu Ala Asn Gly Arg Met
483 50 55 60
487 Val Ile Pro Gly Gly Ile Asp Val Asn Thr Tyr Leu Gln Lys Pro Ser
489 65 70 75 80
493 Gln Gly Met Thr Ser Ala Asp Asp Phe Phe Gln Gly Thr Lys Ala Ala
495 85 90 95
499 Leu Ala Gly Gly Thr Thr Met Ile Ile Asp His Val Val Pro Glu Pro
501 100 105 110
505 Gly Ser Ser Leu Leu Thr Ser Phe Glu Lys Trp His Glu Ala Ala Asp

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535 Ala Val Ile Leu Val His Ala Glu Asn Gly Asp Leu Ile Ala Gln Glu
537          195          200          205
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549 225          230          235          240
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567          275          280          285
571 His Tyr Trp Ser Lys Asn Trp Ala Lys Ala Ala Ala Phe Val Thr Ser
573          290          295          300
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579 305          310          315          320
583 Leu Ala Cys Gly Asp Leu Gln Val Thr Gly Ser Gly His Cys Pro Tyr
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597          355          360          365
601 Ala Val Ala Thr Gly Lys Met Asp Glu Asn Gln Phe Val Ala Val Thr
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607 Ser Thr Asn Ala Ala Lys Ile Phe Asn Leu Tyr Pro Arg Lys Gly Arg
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615          405          410          415
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627          435          440          445
631 Gln Gly Lys Ile Val Phe Glu Asp Gly Asn Ile Ser Val Ser Lys Gly
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637 Met Gly Arg Phe Ile Pro Arg Lys Pro Phe Pro Glu His Leu Tyr Gln
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645          485          490          495
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VERIFICATION SUMMARY

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DATE: 09/24/2001

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Input Set : A:\09367496.APP.txt

Output Set: N:\CRF3\09242001\I367496.raw

L:35 M:271 C: Current Filing Date differs, Replaced Current Filing Date

STATISTICS SUMMARY

PATENT APPLICATION: US/09/367,496

DATE: 09/24/2001
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Input Set : A:\09367496.APP.txt

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Application Serial Number: US/09/367,496

Alpha or Numeric: Numeric

Application Class:

Application File Date: 11-24-1999

Art Unit:

Software Application: PatentIn

Total Number of Sequences: 8

Total Nucleotides: 7724

Total Amino Acids: 2288

Number of Errors: 0

Number of Warnings: 0

Number of Corrections: 1

MESSAGE SUMMARY

271 C: 1 (Current Filing Date differs)